

Appendix

IN THE SPECIFICATION

Column 4, lines 1-14 has been amended as follows:

--AGC circuit portion of circuit 126 and the read signal is then filtered by the filter circuit located in the circuit 126. The fullwave rectifier 128[138] rectifies the read signal and provides the rectified read signal to the peak detector 130[140]. In response, the peak detector 130[140] detects the amplitude of the read signal. The read signal is then provided to the ADC 134[144] which provides digitized samples of the analog read signal. The digitized signal is then provided to a digital signal processor 136[146] which generates the position offset signals based on the servo information read by the head 110, as discussed in detail in the following sections. The values representing the position offset signals are stored in memory 140. The bursts sequencer and timing circuit 138 provide the timing required for the aforementioned processes.—

In Column 5, line 26-27, “read element 164” has been changed to --read element 166--.

IN THE CLAIMS

Claims 14-16, 18-20 and 22-31 have been cancelled.

Claims 13, 17, and 21 have been amended as follows.

13. (Amended) A disk for a hard disk drive that has a head which contains a read element and a write element [that are separated by a position offset], comprising:

[the disk that has] a plurality of tracks [which] each having[have] a respective track centerline, said plurality of tracks including a [first] dedicated track intended to be read first before any other ones of said plurality of tracks upon powering up of said hard disk drive, said dedicated track having stored thereon one or more systems parameters in alignment[that contains a position offset information aligned] with the [track] centerline of said [first] dedicated track.

17. (Amended) A hard disk drive, comprising:

a spin motor;

an actuator arm;

a head that is coupled to said actuator arm, said head containing a read element and a write element[separated by a position offset]; [and,]

a disk that is attached to said spin motor [and coupled to said head], said disk [that has] having a plurality of tracks [which] each having[have] a respective track centerline, said plurality of tracks including a [first] dedicated track [that contains a position offset information aligned with the], said dedicated track having stored thereon one or more system parameters in alignment with said track centerline of said dedicated track; and,

a servo controller configured to read said dedicated track first before any other ones of said plurality of tracks upon powering up of said hard disk drive, and to read said system parameters while said read element is centered along said track centerline of said [first] dedicated track.

21. (Amended) A method for writing system parameters[a position offset] onto a disk of a hard disk drive having a head, which contains a read element and a write element, said method, comprising:

aligning said[a] write element of said[a] head [that has a read element separated from the write element by a position offset] with a centerline of a [first] dedicated track of said[a] disk, said dedicated track being intended to be read first during powering up of said hard disk drive; and,

writing said system parameters on said[a position offset information onto said first] dedicated track so that said system parameters are[the position offset information is] aligned with the centerline of said [first] dedicated track.